

## Contents Volume 81, 1992

### *ExpresSed*

- Stranded parasequences and the forced regressive wedge systems tract: deposition during base-level fall  
D. Hunt and M.E. Tucker (Durham, UK) ..... 1
- Settling velocity of spheres: a new approach  
J.P. le Roux (Stellenbosch, South Africa) ..... 11
- Sedimentary environments and facies in an arctic basin, Itirbilung Fiord, Baffin Island, Canada  
F.J. Hein (Calgary, Alta., Canada) and J.P.M. Syvitski (Dartmouth, N.S., Canada) ..... 17
- Net sediment transport patterns inferred from grain-size trends, based upon definition of "transport vectors"  
S. Gao and M. Collins (Southampton, UK) ..... 47
- Miocene evaporites of the Red Sea rift, Yemen Republic: sedimentology of the Salif halite  
M.I.H. El-Anbaawy, M.A.H. Al-Aawah, K.A. Al-Thour (Sana'a, Yemen) and M.E. Tucker (Durham, UK) . 61
- A river mouth submarine channel and failure complex, Fraser Delta, Canada  
B.S. Hart (Sidney, B.C., Canada), D.B. Prior (Dartmouth, N.S., Canada), J.V. Barrie, R.G. Currie (Sidney, B.C., Canada) and J.L. Luternauer (Vancouver, B.C., Canada) ..... 73
- Sedimentary petrography of the Early Proterozoic Pretoria Group, Transvaal Sequence, South Africa: implications for tectonic setting  
U.M. Schreiber, P.G. Eriksson, M. van der Neut and C.P. Snyman (Pretoria, South Africa) ..... 89
- Syn-tectonic sedimentation in a Neogene strike-slip basin containing a stacked Gilbert-type delta (SE Spain)  
L.J. Boersma (Amsterdam, The Netherlands) ..... 105
- Paleosols in microtidal carbonate sequences, Sierra de Utiel Formation, Upper Cretaceous, SE Spain  
J. Martín-Chivelet and R. Giménez (Madrid, Spain) ..... 125

### *Discussion*

- Paleoenvironment and sulfur–boron contents of Mannville (Lower Cretaceous) coals of southern Alberta, Canada—discussion  
J.C. Hopkins and M.Z. Farshori (Calgary, Alta., Canada) ..... 147
- Paleoenvironment and sulfur–boron contents of the Mannville (Lower Cretaceous) coals of southern Alberta, Canada—reply  
I. Banerjee and F. Goodarzi (Calgary, Alta., Canada) ..... 153

### *Book Reviews*

- Glacigenic Sediments*, by K. Brodzikowski and A.J. van Loon—P.R. Santos ..... 157
- Heavy Minerals in Colour*, by M.A. Mange and H.F.W. Maurer—A. Hurst ..... 158
- Peat and Coal: Origin, Facies, and Depositional Models*, by P.C. Lyons and B. Alpern (Editors)—R.M. Bustin . 159
- Evaporites, Petroleum and Mineral Resources*, by J.L. Melvin (Editor)—C. Kendall ..... 161

### *ExpresSed*

- Tectonic origin of carbonate depositional sequences in a strike-slip setting (Aptian, northern Iberia)  
L.M. Agirrezabala and J. García-Mondéjar (Bilbao, Spain) ..... 163
- Palaeogeographic reconstruction of sandstones using weighted mean grain-size maps, with examples from the Karoo Basin (South Africa) and the Sydney Basin (Australia)  
J.P. le Roux (Stellenbosch, South Africa) ..... 173
- Delta plain coal deposits from the Than Formation of the Early Cretaceous Saurashtra basin, Gujarat, western India  
M. Aslam (Aligarh, India) ..... 181
- Cement stratigraphy in Triassic and Jurassic limestones of the Weserbergland (northwestern Germany)  
P. Bruckschen, R.D. Neuser and D.K. Richter (Bochum, Germany) ..... 195
- Petrology of modern carbonate hardgrounds from East Basin Lake, a saline maar lake, southern Australia  
William M. Last (Winnipeg, Man., Canada) ..... 215

Deep blowout depressions in the aeolian Tumlin Sandstone (Lower Triassic) of the Holy Cross Mountains, central Poland	
R. Gradziński (Kraków, Poland) . . . . .	231
A tectonically controlled alluvial fan which developed into a marine fan-delta at a complex triple junction: Miocene Gildirli Formation of the Adana Basin, Turkey	
N. Görür (Istanbul, Turkey) . . . . .	243
The magnetostratigraphy of the Chitarwata and lower Vihowa formations of the Dera Ghazi Khan area, Pakistan	
R. Friedman, J. Gee, L. Tauxe (La Jolla, Calif., U.S.A.), K. Downing and E. Lindsay (Tucson, Ariz., U.S.A.) . . . . .	253
Submarine mass-flow conglomerates of the Tarentaise Zone, Western Alps: sedimentation processes and depositional setting	
S. Lomas (Milton Keynes, U.K.) . . . . .	269
A proposed format for general-purpose comprehensive graphic logs	
M.R. Johnson (Pretoria, South Africa) . . . . .	289
Large-scale textural patterns and sedimentary processes on tidal salt marshes in the Severn Estuary, southwest Britain	
J.R.L. Allen (Reading, U.K.) . . . . .	299